| Ref<br>#     | Hits | Search Query   | DBs                                    | Default<br>Operator | Plurals | Time Stamp       |
|--------------|------|--|--|---------------------|---------|------------------|
| L3           | 22   | (US-20020014205-\$ or US-20030219536-\$).did. or (US-4816638-\$ or US-5185689-\$ or US-5271732-\$ or US-5273423-\$ or US-5340261-\$ or US-5435683-\$ or US-5578129-\$ or US-5727392-\$ or US-5735961-\$ or US-5795399-\$ or US-5879458-\$ or US-6066538-\$ or US-6287984-\$ or US-6383927-\$ or US-6623798-\$).did. or (JP-10050619-\$).did. or (US-4160680-\$ or JP-06177053-\$ or JP-10294428-\$ or JP-11150109-\$).did. | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR                  | ON      | 2005/05/04 15:00 |
| L4           | 3    | 3 and ("mfc" "mass flow controller")   | US-PGPUB;<br>USPAT                     | OR                  | ON      | 2005/05/04 15:04 |
| L5           | 327  | c23c016\$.ipc. and ("mfc" "mass flow controller")  | EPO; JPO;<br>DERWENT                   | OR                  | ON      | 2005/05/04 15:02 |
| L6           | 0    | c23c016\$.ipc. and ("mfc" "mass flow controller") and (load\$3 with lock\$3)   | EPO; JPO;<br>DERWENT                   | OR                  | ON      | 2005/05/04 15:02 |
| L7           | 1    | c23c016\$.ipc. and ("mfc" "mass flow controller") and (load\$3)  | EPO; JPO;<br>DERWENT                   | OR                  | ON      | 2005/05/04 15:03 |
| L8           | 0    | c23c016\$.ipc. and ("mfc" "mass flow controller") and (lock\$3)  | EPO; JPO;<br>DERWENT                   | OR                  | ON      | 2005/05/04 15:03 |
| L9           | 123  | (load\$3 with lock\$3) same ("mfc":"mass flow controller")   | US-PGPUB;<br>USPAT                     | OR                  | ON      | 2005/05/04 15:04 |
| L <b>1</b> 0 | . 17 | (load\$3 with lock\$3) with ("mfc" "mass flow controller")   | US-PGPUB;<br>USPAT                     | OR                  | ON      | 2005/05/04 15:04 |
| S1           | 15   | (load\$3 with lock\$3) same (air with "water vapor")   | US-PGPUB;<br>USPAT                     | OR                  | ON      | 2004/11/05 14:36 |
| S2           | 0    | (load\$3 with lock\$3) same (air with "water vapor")   | EPO; JPO;<br>DERWENT                   | OR                  | ON      | 2004/11/05 14:36 |
| S3           | 0    | c23c016\$.ipc. and (load\$3 ) same (air with "water vapor")  | EPO; JPO;<br>DERWENT                   | OR                  | ON      | 2004/11/05 14:36 |
| <b>S4</b>    | 0    | c23c016\$.ipc. and (load\$3 ) same (air same "water vapor")  | EPO; JPO;<br>DERWENT                   | OR                  | ÓN      | 2004/11/05 14:37 |
| S5           | 0    | c23c016\$.ipc. and ((load\$3') same (air same "water vapor"))  | EPO; JPO;<br>DERWENT                   | OR                  | ON      | 2004/11/05 14:37 |
| S6           | 3    | (substrate wafer semiconductor workpiece) and ((load\$3 ) same (air same "water vapor"))   | EPO; JPO;<br>DERWENT                   | OR                  | ON      | 2004/11/05 14:38 |
| S7           | 265  |  | EPO; JPO;<br>DERWENT                   | OR                  | ON      | 2004/11/05 14:38 |
| S8           | 217  | 1  | EPO; JPO;<br>DERWENT                   | OR                  | ON      | 2004/11/05 14:38 |
| S9           | 13   |  | USPAT                                  | OR                  | ON      | 2004/11/05 15:05 |
| S10          | 11   | ("4369031"   "5273423"   "5277579"   "5378283"   "5388944"  <br>"5407350"   "5433785"   "5462397"   "5527390"   "5551984"  <br>"5562383").PN.  | USPAT                                  | OR                  | ON      | 2004/11/05 15:12 |
| S11          | 20   | (US-6066538-\$ or US-6623798-\$ or US-6383927-\$ or US-5185689-\$ or US-5271732-\$ or US-5273423-\$ or US-4816638-\$ or US-5340261-\$ or US-5435683-\$ or US-5578129-\$ or US-577392-\$ or US-5735961-\$ or US-5879458-\$ or US-6287984-\$ or US-5795399-\$).did. or (JP-10050619-\$).did. or (JP-10294428-\$ or JP-11150109-\$ or JP-06177053-\$ or US-4160680-\$).did.   | USPAT;<br>JPO;<br>DERWENT              | OR                  | OFF     | 2004/11/05 15:4: |
| S12          | 5    | S11 and filter   | US-PGPUB;<br>USPAT                     | OR                  | ON      | 2004/11/05 15:58 |
| S13          | 10   | (S9 S10) and filter  | US-PGPUB;<br>USPAT                     | OR                  | ON      | 2004/11/05 16:3  |
| S14          | 33   | shin-ju-cheol.in. park-in-sun.in. kim-young-cheon.in.<br>whang-bo-chul.in.   | US-PGPUB;<br>USPAT                     | OR                  | ON      | 2004/11/05 16:40 |
| S15          | 3    |  | US-PGPUB;<br>USPAT                     | OR                  | ON      | 2004/11/05 16:3  |

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| S38 | 45  | (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/939.ccls.) and ( (load\$3 with lock\$3) same ((supply\$3 introduc\$3 ) with air ) )           | US-PGPUB;<br>USPAT             | OR    | ON        | 2004/11/03 18:15                     |
|-----|-----|--|--------------------------------|-------|-----------|--------------------------------------|
| S37 | 338 | (load\$3 with lock\$3) same ((supply\$3 introduc\$3 ) with air )   | US-PGPUB;<br>USPAT             | OR    | ON        | 2004/11/03 18:14                     |
| S36 | 477 | (load\$3 with lock\$3) same ((supply\$3 introduc\$3 inlet enter\$3) with air )   | US-PGPUB;<br>USPAT             | OR    | ON        | 2004/11/03 18:14                     |
| S35 | 3   | (load\$3 with lock\$3) same ((supply\$3 introduc\$3 inlet enter\$3) with air with "water vapor")   | US-PGPUB;<br>USPAT             | OR    | ON        | 2004/11/05 14:31                     |
| S34 | 52  | (load\$3 same lock\$3 same air same (inert argon nitrogen noble) same oxygen )   | US-PGPUB;<br>USPAT             | OR    | ON        | 2004/11/03 18:21                     |
| S33 | 5   | ("4415385"   "5204075"   "5295668"   "5928786"   "5953630").<br>PN.  | USPAT                          | OR    | ON        | 2004/11/03 18:06                     |
| S32 | 0   | "6383927".URPN.  | USPAT                          | OR    | ON        | 2004/11/03 18:06                     |
| S31 | 1   | ("6383927"):PN.  | USPAT;<br>USOCR                | UK    | Огг       |                                      |
| S30 | 0   | "11150109".URPN.   | US-PGPUB;                      | OR OR | ON<br>OFF | 2004/11/03 18:05<br>2004/11/03 18:06 |
| S29 | 0   | "6066538":URPN.  | USPAT                          | OR    | ON        | 2004/11/03 18:03                     |
| S28 | 9   | ("5185689"   "5501999"   "5534457"   "5552334"   "5607874"  <br>"5686337"   "5702989"   "5910218"   "5981404").PN.                                 | USPAT                          | OR    | ON        | 2004/11/03 18:03                     |
| S27 | 1   | ("6066538").PN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR    | OFF       | 2004/11/03 18:05                     |
| S26 | 1   | ("6623798").PN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR    | OFF       | 2004/11/03 18:02                     |
| S25 | 10  | (load\$3 same lock\$3 same air same (inert argon nitrogen noble) same oxygen )   | EPO; JPO;<br>DERWENT           | OR    | ON        | 2004/11/03 17:56                     |
| S24 | 8   | (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/939.ccls.) and (load\$3 same lock\$3 same air same (inert argon nitrogen noble) same oxygen ) | US-PGPUB;<br>USPAT             | OR    | ON        | 2004/11/03 17:40                     |
| S23 | 8   | and (load\$3 same lock same air same (inert argon nitrogen noble) same oxygen )  | US-PGPUB;<br>USPAT             | OR    | ON        | 2004/11/03 17:40                     |
| S22 | 20  | (118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/939.ccls.) and (load\$3 same lock same (water with vapor))                                    | US-PGPUB;<br>USPAT             | OR    | ON        | 2004/11/03 17:39                     |
| S21 | 1   | "60237265"   | EPO; JPO;<br>DERWENT           | OR    | ON        | 2004/11/03 17:33                     |
| 520 | 0   | "7086253"  | EPO; JPO;<br>DERWENT           | OR    | ON        | 2004/11/03 17:33                     |
| S19 | 0   | "70086253"   | EPO; JPO;<br>DERWENT           | OR    | ON        | 2004/11/03 17:32                     |
| 518 | 1   | "07086253"   | EPO; JPO;<br>DERWENT           | OR    | ON        | 2004/11/03 17:33                     |
| S17 | 0   | ("7086253").PN.  | USOCR;<br>EPO; JPO;<br>DERWENT | OR    | OFF       | 2004/11/03 17:31                     |
| 516 | 3   | (("6221771") or ("5923988") or ("5780360")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR   | OR    | OFF       | 2004/11/03 17:31                     |